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MONTANA OIL AND GAS STATISTICAL BULLETIN

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TED HAWLEY, Conrad, Montana

THE OIL AND GAS CONSERVATION COMMISSION

VOLUME II, NO. 8 — 2 — AUGUST, 1954

Production of crude oil and condensate from the oil and gas areas of Montana for the month of August, 1954, averaged 39,967 barrels daily, a decrease of 2,261 barrels from the average July production of 42,228 barrels daily.

The nine refineries in the State processed 61,010 barrels of crude oil daily for the month of August, an increase of 5,066 barrels daily from the 55,944 barrels processed daily during the month of July, 1954.

During August, 34 wells were completed, 10 oil, 2 gas wells and 22 dry holes.

During August, the Commission issued 31 permits to drill new wells, a decrease of 16 from the 47 permits issued during July.

STATEMENT OF CRUDE OIL PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA MONTH OF AUGUST, 1954

	TOTAL
IN STORAGE AUGUST 1ST:	
By Producers	248,082
By Transporters	521,976
By Refiners	480,946
TOTAL STORAGE	1,251,004
PRODUCED DURING MONTH	1,238,989
TOTAL	2,489,993
DISPOSITION:	
Refined in Montana	868,606
Shipped to Other States	444,926
Used for Fuel or Lost	3,849
TOTAL	1,317,381
IN STORAGE AUGUST 31ST:	
By Producers	266,164
By Transporters	509,248
By Refiners	397,200
TOTAL STORAGE	1,172,612

WYOMING OIL IMPORTED

IN STORAGE AUGUST 1, 1954	207,850
AUGUST RECEIPTS, MONTANA REFINERIES	1,017,421
REFINED	1,022,717
IN STORAGE AUGUST 31, 1954	202,554

NATURAL GAS WITHDRAWALS IN MONTANA

Month of August, 1954

Field	M. C. F.
Bears Den	972
Big Wall	177
Bowdoin	133,660
Bowes	26,857
Box Elder	16,838
Cedar Creek	206,299
Cut Bank (includes Reagan)	830,535
Devon	12,872
Dry Creek	66,082
East Poplar	1,302
Hardin	2,471
Keith Block	3,942
Kevin-Sunburst	22,752
Ragged Point	7
Utopia	11,264
West Sumatra	535
Whitlash Area	30,978
TOTAL	1,367,543

Total withdrawals for August, 1953, were 1,247,331 M. C. F.

PRODUCERS REPORT
Month of August, 1954

Leases Operated	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped by Pipeline	Oil Shipped by Truck	Used or Lost	Storage End of Month
1	Ash Creek	13	1,384	6,119		5,295	149	2,059
8	Big Wall	22	4,817	25,892		25,585		5,124
4	Border	8		490		490		
10	Bowes	72	5,499	77,981	77,985			5,495
6	Brady-Midway	8		1,164		647		517
1	Brorson (Sidney Area)	2	1,834	6,559	5,362			3,031
1	Cabin Creek	5	2,957	25,181		25,181		2,957
1	Cadmus	1		1,112		841		271
30	Cat Creek	101	5,601	18,739	18,323			6,017
	Clark's Fork		84					84
321	Cut Bank	1,106	110,830	210,449	197,170			124,109
3	Deer Creek	7	4,694	18,734	21,217			2,211
1	Devils Basin	1	163	81		219		25
5	Dry Creek	12	1,895	16,356	17,072			1,179
20	Elk Basin	59	8,724	157,912	157,996		1,463	7,177
2	Frannie	2	774	1,264	1,824			214
1	Gage	1	1,451	269	694		305	721
5	Glendive	13	5,000	62,340	62,045			5,295
1	Golden Dome	1	151	550		624		77
1	Hardin Area	3	1,369	2,844		3,561	20	632
1	Ivanhoe Dome	2	163	2,200		2,249		114
230	Kevin-Sunburst	1,518	17,281	104,598	105,754		170	15,955
1	Lake Basin	1	1,027	87				1,114
1	Little Beaver	3	663	4,679		4,679		663
3	Melstone	6	2,367	9,097		9,648		1,816
3	Mosser	5		1,222		1,222		
1	Pine Unit Area	10	2,050	42,206		42,206		2,050
80	Pondera	316	13,059	33,785	31,435			15,409
38	Poplar Area	45	24,545	290,712	261,672	26,753	204	26,628
2	Ragged Point	3	831	1,856		1,399		1,288
	Rattlesnake Butte		739					739
2	Reagan	33	3,619	20,830	21,194			3,255
6	Richey	11	5,365	11,877		11,324		5,918
	Sand Creek		227					227
2	Southwest Richey	3	1,535	6,625		6,625		1,535
3	Soap Creek	4	2,170	2,681		3,209	74	1,568
12	Sumatra	37	11,742	55,503		54,118	5	13,122
4	Sweet Grass Hills	5	496	1,037		861		672
1	Wibaux Area	1		2,269		1,688		581
6	Whitlash	18	2,048	12,546	8,017	1,706		4,871
	Wolf Creek		51					51
2	Woodrow	2	749	408				1,157
1	Yellowstone	1	128	735		627		236
821		3,461	248,082	1,238,989	987,760	230,757	2,390	266,164

Total Oil Produced and Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1953	11,895,152	32,589	11,806,873	32,348
First Quarter, 1954	3,165,882	35,176	3,139,622	34,885
Second Quarter, 1954	3,536,508	38,862	3,512,743	38,602
July, 1954	1,309,079	42,228	1,303,443	42,047
August, 1954	1,238,989	39,967	1,218,517	39,307

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage*	Total Oil In Storage*
December 31, 1953	231,394	501,709	695,206	1,428,309
March 31, 1954	235,678	469,637	620,698	1,326,013
June 30, 1954	245,735	509,681	610,724	1,366,140
July 31, 1954	248,082	521,976	688,796	1,458,854
August 31, 1954	266,164	509,248	599,754	1,375,166

*Includes Wyoming Oil.

TRANSPORTERS REPORT—Month of August, 1954

	Storage First of Month	OIL RECEIVED			Loss or Gain	OIL SHIPPED TO		Connecting Carriers	Storage End of Month
		From Producers and Connecting Pipeline	Truck	Carrier		Montana	Other States		
ASH CREEK									
Trucks			5,295				5,295		
BIG WALL									
Trucks	2,218		25,585			14,191	11,494		2,118
BORDER									
Trucks			490			490			
BRORSON									
Sun Oil Co.		5,362					5,362		
BOWES									
Northern Pump	1,570	17,904			28		18,209		1,237
The Texas Company		60,081					60,081		
	1,570	77,985			28		78,290		1,237
BRADY-MIDWAY									
Trucks			647			647			
CABIN CREEK									
Shell Oil Co.			25,181				25,181		
CADMUS									
Trucks			841			841			
CAT CREEK									
Continental Pipe Line Co.	6,916	10,994			101	12,471			5,338
Wm. Hanlon		7,723				7,723			
	6,916	18,717			101	20,194			5,338
CUT BANK									
Darling Gather. Sys.	10,498	23,006				31,213			2,291
Phillips Pet. Co.	120,588	42,553		6,478	797	39,908		19,010	109,904
Texas Pipe Line Co.	102,217	37,211		40,450	1,230	44,129		14,566	119,953
Toronto Pipe Line Co.	49,880	54,197			89			53,131	50,857
Union Oil Co.	57,642	40,161		39,779	2,114	70,609			64,859
	340,825	197,128		86,707	4,230	185,859		86,707	347,864
DEVILS BASIN									
Trucks			219			219			
DRY CREEK									
Ohio Oil Co.	9,995	17,072			32	16,380			10,655
ELK BASIN									
Ohio Oil Co.		157,996				96,805	61,191		
FRANNIE									
Ohio Oil Co.		1,824					1,824		
GAGE									
Northern Pump Co.	1,008	694			169	1,533			
GOLDEN DOME									
Trucks			624				624		
GLENDIVE AREA									
The Texas Co.	9,075	84,171			88	70,896	11,175		11,087
HARDIN AREA									
Trucks			3,561				3,561		
IVANHOE DOME									
Trucks			2,249			2,249			
KEVIN-SUNBURST									
Big West Oil Co.	1,961	41,383				41,392			1,952
Homestake Oil & Gas	1,662	3,714				3,347			2,029
Texas Pipe Line Co.	28,467	57,539		1,771	268	59,053			28,456
Anna Aronow		2,022						1,771	251
	32,090	104,658		1,771	268	103,792		1,771	32,688
LITTLE BEAVER									
Shell Oil Co.			4,679				4,679		
MELSTONE									
Trucks	711		9,648			8,674			1,685
MOSSER									
Trucks			1,222			1,222			
PINE UNIT AREA									
Shell Oil Co.			42,206				42,206		
PONDERA									
Phillips Pet. Co.	97,640	31,982			1,361	39,777			88,484
POPLAR AREA									
East Poplar G. Sys.	5,655	260,730			(736)	109,613	152,841		4,667
Plastic Service Lines, Inc.									
Trucks			26,753			12,551	14,202		
	5,655	260,730	26,753		(736)	122,164	167,043		4,667
RAGGED POINT									
The Texas Co.			1,399			1,399			
REAGAN									
Union Oil Co.		21,194				21,194			
RICHEY AREA									
Shell Oil Co. & Trucks			11,324				11,324		
SIDNEY AREA									
Sun Oil Co.									
SOAP CREEK									
Trucks			3,209				3,209		
SOUTHWEST RICHEY									
Shell Oil Co.			6,625				6,625		
SUMATRA AREA									
Trucks	3,058		54,118			50,494	4,155		2,527
SWEET GRASS HILLS									
Trucks & Pipeline	11,215	7,939	2,567			20,823			898
WIBAUX									
Trucks			1,688				1,688		
YELLOWSTONE									
Trucks			627			627			
GRAND TOTAL	521,976	987,452	230,757	88,478	5,541	780,470	444,926	88,478	509,248

REFINERS REPORT BY FIELDS

Month of August, 1954

	Location of Plant in Montana	Storage First of Month	Oil Received	Oil Used or Lost	Oil Refined	Storage End of Month
BIG WALL						
Farmers Union Cent. Exc. Inc.	Laurel	2,143	14,191		14,410	1,924
BORDER						
The Texas Company	Sunburst	1,077	489		773	793
BRADY-MIDWAY						
Phillips Pet. Co.	Great Falls		647		647	
CADMUS						
Union Oil Co.	Cut Bank		841		841	
CAT CREEK						
Continental Oil Co.	Billings		16,098		16,098	
Jet Fuel Refinery	Mosby	195	7,723		6,899	1,019
		195	23,821		22,997	1,019
CUT BANK						
Phillips Petroleum Co.	Great Falls		39,954		39,954	
The Texas Company	Sunburst	214,853	75,342		127,108	163,087
Union Oil Company	Cut Bank	24,387	70,703		77,243	17,847
		239,240	185,999		244,305	180,934
DEVILS BASIN						
Farmers Union Cent. Ex., Inc.	Laurel		217		217	
DRY CREEK						
Farmers Union Cent. Exc., Inc.	Laurel	2,423	16,380	46	16,461	2,296
ELK BASIN						
Carter Oil Co.	Billings		77,908		77,908	
Continental Oil Co.	Billings		18,897		18,897	
			96,805		96,805	
GAGE						
Farmers Union Cent. Ex. Inc.	Laurel		1,533		1,533	
GLENDIVE						
Continental Oil	Billings		7,618		7,618	
Farmers Union Cent. Exc., Inc.	Laurel	14,885	63,278		62,547	15,616
		14,885	70,896		70,165	15,616
IVANHOE DOME						
Farmers Union Cent. Exc., Inc.	Laurel		2,375		2,375	
KEVIN-SUNBURST						
Big West Oil Co.	Kevin	26,712	41,392	(296)	50,603	17,797
Modern Oil Co.	Shelby		23		23	
The Texas Company	Sunburst	109,146	63,071		68,178	104,039
		135,858	104,486	(296)	118,804	121,836
MELSTONE						
Farmers Union Cent. Exc., Inc.	Laurel	906	8,674		8,425	1,155
MOSSER						
Farmers Union Cent. Exc., Inc.	Laurel		1,222		1,222	
PONDERA						
Phillips Petroleum Co.	Great Falls	10,036	39,084		39,030	10,090
POPLAR						
Carter Oil Co.	Billings	41,281	92,649		113,908	20,022
Jet Fuel Refinery	Mosby	2,363	13,213		12,538	3,038
Modern Oil Co.	Shelby	2,189	16,302		17,809	682
		45,833	122,164		144,255	23,742
RAGGED POINT						
Farmers Union Cent. Exc., Inc.	Laurel		1,650		1,650	
REAGAN						
Union Oil Company	Cut Bank		21,195		21,195	
RICHEY						
Jet Fuel Refinery	Mosby	1,741			430	1,311
SUMATRA						
Farmers Union Cent. Exc., Inc.	Laurel	5,715	50,494		48,922	7,287
SWEET GRASS HILLS						
Big West Oil Co.	Kevin		856		856	
The Texas Co.	Sunburst	20,894	18,257		9,954	29,197
Union Oil Co.	Cut Bank		1,706		1,706	
		20,894	20,819		12,516	29,197
YELLOWSTONE						
Farmers Union Cent. Ex. Inc.	Laurel		628		628	
TOTAL MONTANA OIL		**480,946**	**784,610**	**(250)**	**868,606**	**397,200**
OIL FROM WYOMING						
Carter Oil Co.	Billings	69,630	570,095		547,425	92,300
Continental Oil Co.	Billings	93,921	162,634		187,816	68,739
Farmers Union Cent. Exc., Inc.	Laurel	44,299	284,692		287,476	41,515
		207,850	1,017,421		1,022,717	202,554
TOTAL MONTANA AND WYOMING OIL		**688,796**	**1,802,031**	**(250)**	**1,891,323**	**599,754**

	Average Barrels Per Day			Percentage of Crude Refined	
	Montana	Wyoming	Total	Montana	Wyoming
Year 1953	20,540	33,183	53,723	38.2%	61.8%
August, 1953	21,312	40,431	61,742	34.5%	65.5%
August, 1954	28,019	32,991	61,010	45.9%	54.1%